

USS Virginia (SSN 774)

Commissioning

Biography



Assistant Secretary of the Navy

John J. Young, Jr.

Mr. Young, who was nominated on 24 June 2001 by President George W. Bush to serve as the Assistant Secretary of the Navy for Research, Development and Acquisition, was sworn in on 17 July 2001.

Mr. Young was previously a professional staff member on the staff of the U. S. Senate Committee on Appropriations, Subcommittee on Defense. During his tenure with the Committee, he served as the staff analyst for a variety of Department of Defense research, development, test and evaluation programs as well as environmental restoration and compliance programs. He was most recently responsible for reviewing and making funding recommendations to the Committee on all DoD aircraft procurement programs; Navy aircraft-related research, development, test and evaluation (RDT&E) programs; Air Force RDT&E programs; and Defense-Wide RDT&E programs, including the activities of the Ballistic Missile Defense Organization (BMDO) and the Defense Advanced Research Projects Agency (DARPA).

Participating in the cooperative engineering education program at Georgia Tech, Mr. Young worked with what is now Lockheed Martin Tactical Aircraft Systems in Fort Worth, Tex. Under this program, he worked in eight different engineering groups primarily supporting the F-16 program and advanced fighter technology efforts. His experience includes the following assignments: participating in flight-testing of the F-16 with AMRAAM; completing parameter trade studies for next generation fighter aircraft concepts; performing design and analysis of a closed loop environmental control system (ECS) for the Advanced Tactical Fighter (ATF); and developing designs integrating aircraft subsystem components on F-16 derivatives and advanced fighters.

While at Georgia Tech, Mr. Young was also selected to participate in the U.S. Senator Sam Nunn Intern program. Working with Senator Nunn's press staff, Mr. Young completed research projects and drafted speech material and letters.

Mr. Young next worked at the BDM Corporation in Huntsville, Ala. In this position, he provided engineering support to the Army Space and Strategic Defense Command Lethality and Target Hardening office and developed configuration designs and aerodynamic performance predictions for a hollow-nosed interceptor concept. After receiving a Master's degree in Aeronautics and Astronautics from Stanford University, he joined the technical staff at Rockwell Missile Systems Division in Duluth, Ga., completing work on tactical missile proposal efforts, thrust vector control tests, and computational fluid dynamics modeling of missiles and nozzle flows.

He became a member of the Technical Staff at Sandia National Laboratories in 1988 where he worked on hypersonic weapon designs and maneuvering reentry vehicle aerodynamics as well as standoff bomb concepts. While at Sandia, he was selected as an American Institute of Aeronautics and Astronautics (AIAA) Congressional Fellow.